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ART UNIT: 2837**

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FROM: Winston Hsu, PATENT AGENT, REG. NO.: 41,526

SERIAL NO.: 10/708,765

ATTORNEY DOCKET NO.: VIAP0092USA

SUBJECT: INFORMATION DISCLOSURE STATEMENT

TOTAL PAGES: 33 PAGES (INCLUDING COVER PAGE)

Winston Hsu 2004/12/16

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PTO/SB/97 (09-04)

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- (1) Transmittal Form
- (2) Fee Transmittal
- (3) Information Disclosure Statement

1 PAGE
1 PAGE
29 PAGES

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/708,765	
	Filing Date	03/24/2004	
	First Named Inventor	Yi-Chung Chan	
	Art Unit	2837	
	Examiner Name	SMITH, TYRONE W	
Total Number of Pages in This Submission	31	Attorney Docket Number	VIAP0092USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	North America Intellectual Property Corporation	
Signature	<i>Winston Hsu</i>	
Printed name	Winston Hsu	
Date	DEC 15 2004	Reg. No. 41,526

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Typed or printed name		Date

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PTO/SB/17 (12-04)

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4816).**FEE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 0.00**Complete if Known**

Application Number	10/708,765
Filing Date	03/24/2004
First Named Inventor	Yi-Chung Chan
Examiner Name	SMITH, TYRONE W
Art Unit	2837
Attorney Docket No.	VIAP0092USA

METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=				
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP =	x	=				
HP = highest number of independent claims paid for, if greater than 3						

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature	<i>Winston Hsu</i>	Registration No. (Attorney/Agent)	41,526	Telephone	302-729-1562
Name (Print/Type)	Winston Hsu	Date	DEC 15 2004		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Complete If Known

(Use as many sheets as necessary)

Application Number	10/708,765
Filing Date	03/24/2004
First Named Inventor	Yi-Chung Chan
Art Unit	2837
Examiner Name	SMITH, TYRONE W
Attorney Docket Number	VIAP0092USA

Examiner Signature	Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PAGE 5/33 * RCVD AT 12/16/2004 12:34:12 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:8064986673 * DURATION (mm-ss):09-52

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yi-Chung Chan,
5 Jacky Lee
 Alex Lin

Filing Date: 03/24/2004

Art Unit: 2837

Serial No.: 10/708,765

10 Docket No.: VIAP0092USA

Confirmation No.: 2764

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Title: METHOD AND REALTED APPARATUS FOR CONTROLLING
 CALIBRATION OF A STEPPING MOTOR

15

To: Commissioner for Patents
 P.O. BOX 1450
 Alexandria, VA 22313-1450

20 Subject: Information disclosure statement under 37C.F.R.§1.56.

Dear Sir/Madame:

25 This is an Information Disclosure Statement in accordance with the
duty to disclose information material to patentability under 37 C.F.R.
§1.56. Applicants wish to make of record the documents listed on the
accompanying form PTO/SB/42. It is respectfully requested that the
examiner initials the cited references on the form and that it be made of
record in the application and that a copy of the initialed form be sent to
30 the applicant with the next communication from the examiner.

Since the IDS is filed before the mailing date of a first Office action

on the merits, consideration of the information disclosure statement is hereby requested according to 37 C.F.R. §1.97(b). The items of information contained in the information disclosure statement were first cited in the communication from the State Intellectual Property Office of the People's Republic of China on Sept. 24, 2004 for a counterpart foreign application. Applicants sincerely hope that the examiner can consider the items contained in the information disclosure statement.

According to the requirement set forth in 37 C.F.R. §1.98 and M.P.E.P. 609, applicants are submitting copies of the cited references (CN 1059990C, DE 4242068A1), a concise explanation of the CN 1059990C hereinafter, and an English abstract of DE 4242068 A1.

CN 1059990C discloses a method for controlling a stepping motor. In CN 1059990C the stepping motor is connected to a control device and a fax device. Based on a predetermined relationship between the torque and the current, a current corresponding to a target torque T_0 is sent to the stepping motor for driving the fax device. An integrator is used to calculate the current of the loading device and sends the value to a CPU1. The CPU1 transforms the loading current to a loading torque T . Based on the difference between the loading torque T and the target torque t_0 , a corresponding amount of current is sent to the stepping motor for calibration.

25

Respectfully Submitted,

5

Winston Hsu

Date: December 15, 2004

Winston Hsu, Patent Agent No. 41,526

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